S E C R E T

SUMMARY OF THE EXECUTIVE BOARD MEETING

02 FEBRUARY 1981

EB 81-01

MEMBERS IN ATTENDANCE WERE:

[redacted] 25X1

AGENDA ITEM: Wideband Communications System (WBCS), Phase II

The only item on the agenda for the Board's consideration was the Wideband Communications System (WBCS), Phase II. [redacted] opened the meeting and introduced [redacted] 25X1 who presented an overview on the status of the SAFE effort, the plans to implement bus service for non-SAFE users and current plans for the interconnection of outbuilding systems. [redacted] 25X1

[redacted] stated that the WBCS, Phase II, is more than just the second phase of the SAFE program. The goal of WBCS II is to provide a bus service to the ADP community through connectivity of the metropolitan area network. As outlined in the OC and ODP Memorandum of Understanding (MOU) for Project SAFE, ODP is responsible for development of the bus system and OC would maintain the system after Initial Operational Capability (IOC). The SAFE bus and the second backbone bus system are expected to satisfy the ODP extended requirements through 1990. [redacted] pointed out 25X1 that this was true as long as these requirements did not include ADSTAR. [redacted] 25X1 25X1

[redacted] 25X1

S E C R E T

The current SAFE architecture is basically tri-level. Level-1 is a global computer level; level-2 is an inter-computer communications (ICC) level which includes External Message Processing (EMP), User Terminal Support (UTS) and a System Control and Monitor (SCM); level-3 is the user work station, plus the WBCS. The SAFE schedule calls for the communications system IOC by April 1982. A SAFE capability of terminals is scheduled for December 1982 with terminals to be installed by December 1983. Some of the latter installations will need connections to the outbuildings (C of C, Ames, Key). The transfer of responsibility for the WBCS to OC will occur sometime between December 1982 and December 1983. 25X1 25X1

advised that ODP's extended requirements include universal connectivity. This means computer-to-computer, terminal-to-host, host-to-printer, and host-to-host connectivity; an inference is that this means terminal-to-terminal connectivity as well. questioned the reality of installing devices in the Headquarters area. This roughly equates to one terminal for every one and one-half people. 25X1 25X1 25X1 25X1

then discussed the metropolitan network architecture and the connectivity alternatives 25X1 25X1

WBCS tasks to be resolved are SCM hardware configurations, software compatibility and communications protocols between SAFE and OC. Another immediate task to be resolved is the NPIC plan to install its own intra-building bus system at B-213. This bus system will provide access to both CIA/DIA users without any compartmentation considerations. interjected that OC-CSD and OS/ISSG are trying to determine just what is allowed in this scenario. 25X1 25X1

Near-term issues and problems facing WBCS II and OC are:

a. The availability of KG-48's. NSA claims these units will not be ready until 1985. This means that outbuilding bus service will have to be provided through the use of multiplexers, probably Statistical Multiplexers.

b. The specifications for the NPIC interface to the bus are yet to be determined.

c. The availability of OC personnel to support the WBCS after the transfer of responsibility. 25X1

[redacted] then summarized what he considered to be the four main areas of concern facing OC in regard to the WBCS. These are: 25X1

a. The responsibility for maintenance of the SAFE bus and concomitant allocation of resources.

b. The extension of bus service to non-SAFE users.

c. Selecting the most efficient architecture for connecting the outbuildings to the Headquarters bus and the interface network. One hundred fifty-six thousand dollars has been programmed in 1981 for a study to determine this.

d. The NPIC requirements; ensuring that the NPIC bus system design is compatible and consistent with SAFE, et al. [redacted] 25X1

With no other business at hand, [redacted] adjourned the meeting. [redacted] 25X1 25X1

25X1

for [redacted]
Secretary

APPROVED:

[redacted] 25X1

Director of Communications